

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER ME~~rose~~ 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 16, 1961

Poliomyelitis — There was a sharp increase in poliomyelitis during the week ending September 16. A total of 98 cases, including 62 paralytic, were reported for the current week. These figures represent a high in total and paralytic cases for 1961. During the previous week, there was a total of 62 cases, of which 37 were paralytic. However, the incidence of poliomyelitis continues to remain well below previous years despite this late summer increase. This is shown in the following table:

The only significant concentration of polio cases in the United States continues to be in New York State. (See Epidemiological Reports).

Hepatitis — The total of 1130 cases of hepatitis in the last week represents an increase over the 995 cases reported last week. This is the first interruption of a slightly downward trend which has been occurring over the last several months. Hepatitis continues at a record high level.

Encephalitis — There were 37 cases of infectious encephalitis reported in the last week. The number of encephalitis cases continues to be unusually small. There has been no reported epidemic occurrence in the country.

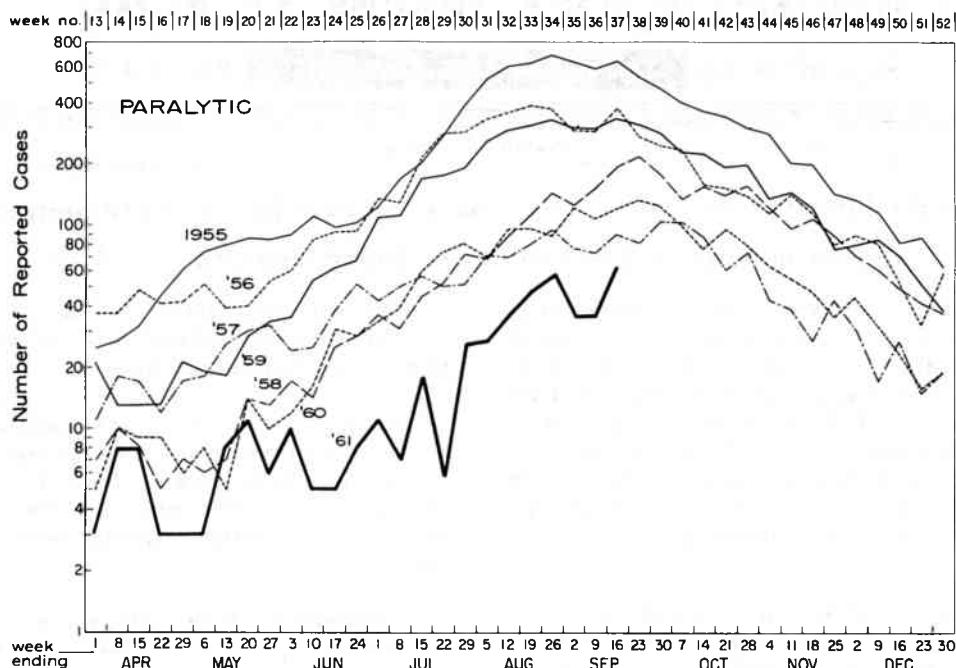
Poliomyelitis Cases (Cumulative) Through 37th Week					
	1961	1960	1959	1958	1957
Paralytic	513	1312	3455	1461	1395
Total	780	1908	5474	3000	4444

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	37th Week			Cumulative					Approximate seasonal low point	
	Ended Sept. 16, 1961	Ended Sept. 17, 1960	Median 1956-60	First 37 weeks			Since seasonal low week			
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
* Weekly incidence low or sporadic	-	1	*	5	13	*	*	*	*	*
--- Data not available	-	2	*	5	10	*	*	*	*	*
- Quantity zero	-	9	15	15	439	573	579	*	*	*
Anthrax-----062	-	1	*	5	13	*	*	*	*	*
Botulism-----049.1	-	2	*	5	10	*	*	*	*	*
Brucellosis (undulant fever)-----044	9	15	15	439	573	579	*	*	*	*
Diphtheria-----055	9	22	17	389	450	531	80	111	134	July 1
Encephalitis, infectious-----082	37	50	65	1,135	1,331	1,324	1,135	1,331	1,324	Jan. 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	1,130	730	300	54,954	26,912	14,568	2,130	1,371	546	Sept. 1
Malaria-----110-117	4	1	*	42	47	*	*	*	*	*
Measles-----085	734	800	945	387,062	401,382	449,039	1,434	1,517	1,804	Sept. 1
Meningitis, aseptic-----340 pt.	137	129	---	2,002	1,880	---	2,002	1,880	---	Jan. 1
Meningococcal infections-----057	27	33	37	1,562	1,596	1,756	47	60	69	Sept. 1
Poliomyelitis-----080	98	173	398	780	1,908	4,437	677	1,698	3,909	Apr. 1
Paralytic-----080.0, 080.1	62	112	194	513	1,312	1,389	453	1,155	1,114	Apr. 1
Nonparalytic-----080.2	28	48	156	178	416	2,327	153	389	2,166	Apr. 1
Unspecified-----080.3	8	13	48	89	180	721	71	154	629	Apr. 1
Psittacosis-----096.2	2	-	*	53	72	*	*	*	*	*
Rabies in man-----094	-	1	*	3	2	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050, 051	3,058	3,513	---	239,709	230,407	---	20,498	---	---	Aug. 1
Typhoid fever-----040	18	21	29	559	565	714	445	438	534	Apr. 1
Typhus fever, endemic-----101	1	-	*	27	51	*	*	*	*	*
Rabies in animals-----	51	48	64	2,509	2,687	3,263	3,085	3,655	4,211	Oct. 1

CURRENT U. S. POLIO INCIDENCE
Compared With Years 1955-1960, April-December, by week



EPIDEMIOLOGICAL REPORT

Poliomyelitis - New York State

Through Monday, September 18, 67 cases of paralytic poliomyelitis have occurred in the counties of Onondaga, Madison, and Oneida in Upstate New York. Of the 67 cases, 38 have occurred in Onondaga County (25 in Syracuse), 17 in Madison County and 12 in Oneida County. Type I poliovirus has been isolated from 13 of these cases. The 64 paralytic cases with onset of symptoms since July are shown by county:

Week Ending	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16
Onondaga County	1	2	1	4	11	11	4	3
Madison County	0	4	3	5	2	1	1	0
Oneida County	0	2	2	2	3	1	0	1
Total	1	8	6	11	16	13	5	4

In addition to the 67 paralytic cases, there are 19 non-paralytic cases reported from the tri-county area.

Since the oral polio immunization program in the tri-county area on August 29-31 there have been 23 cases of paralytic polio. Nine had not received the oral vaccine. The interval in days between the immunization program and onset of symptoms for the 14 paralytic cases who had received oral vaccine is shown in the table below:

Same day	PARALYTIC CASES						
	Interval in days between oral vaccine and onset of symptoms						
	1	2	3	4	5	6	7
2	0	3	3	1	1	1	1

The only paralytic polio cases in the tri-county area in those who received the oral vaccine have occurred within 7 days of the administration of vaccine.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin-gitis, aseptic 080.2	Brucel-llosis (undulant fever) 340 pt. 044		
	Total (Includes cases not specified by type)				Paralytic 080.0, 080.1				Nonparalytic					
	37th Week		Cumulative, first 37 weeks		37th Week		Cumulative, first 37 weeks		340 pt.					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961		
UNITED STATES-----	98	173	780	1,908	62	112	513	1,312	28	48	137	9		
NEW ENGLAND-----	2	13	17	172	2	8	14	133	-	5	8	-		
Maine-----	-	2	1	21	-	2	1	21	-	-	-	-		
New Hampshire-----	-	-	1	-	-	-	-	-	-	-	1	-		
Vermont-----	1	2	3	5	1	-	3	1	-	2	-	-		
Massachusetts-----	1	1	8	26	1	1	7	18	-	-	4	-		
Rhode Island-----	-	2	-	96	-	1	-	74	-	1	3	-		
Connecticut-----	-	6	4	24	-	4	3	19	-	2	-	-		
MIDDLE ATLANTIC-----	52	35	185	257	33	24	133	195	19	10	2	1		
New York-----	46	21	131	148	27	12	88	104	19	8	1	-		
New Jersey-----	3	9	28	57	3	7	25	44	-	2	-	1		
Pennsylvania-----	3	5	26	52	3	5	20	47	-	-	1	-		
EAST NORTH CENTRAL-----	12	36	85	311	8	16	49	171	1	18	37	1		
Ohio-----	3	5	22	73	1	3	11	32	-	-	2	-		
Indiana-----	2	10	11	66	-	6	5	47	1	4	2	-		
Illinois-----	1	8	20	99	1	6	9	64	-	2	15	1		
Michigan-----	3	10	17	55	3	1	14	24	-	9	18	-		
Wisconsin-----	3	3	15	18	3	-	10	4	-	3	-	-		
WEST NORTH CENTRAL-----	3	17	43	109	2	7	20	58	-	2	18	3		
Minnesota-----	-	4	5	35	-	4	5	28	-	-	12	-		
Iowa-----	1	-	13	14	1	-	6	3	-	-	3	3		
Missouri-----	1	5	11	20	1	3	3	12	-	1	3	-		
North Dakota-----	1	2	2	9	-	-	-	3	-	-	-	-		
South Dakota-----	-	1	1	4	-	-	-	1	-	-	-	-		
Nebraska-----	-	1	4	11	-	-	3	7	-	1	-	-		
Kansas-----	-	4	7	16	-	-	3	4	-	-	-	-		
SOUTH ATLANTIC-----	8	32	137	309	4	24	101	223	3	8	11	-		
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-		
Maryland-----	1	11	23	34	1	9	23	29	-	2	-	-		
District of Columbia-----	-	-	1	-	-	-	1	-	-	-	1	-		
Virginia-----	1	4	9	15	1	4	7	13	-	-	3	-		
West Virginia-----	1	2	18	29	-	1	12	23	-	1	2	-		
North Carolina-----	2	5	13	65	1	4	7	46	1	1	-	-		
South Carolina-----	3	6	15	104	1	2	10	67	2	4	-	-		
Georgia-----	-	2	27	14	-	2	20	12	-	-	-	-		
Florida-----	-	2	29	48	-	2	20	33	-	-	5	-		
EAST SOUTH CENTRAL-----	7	3	61	116	5	2	37	59	-	1	12	2		
Kentucky-----	2	-	22	56	-	-	5	5	-	-	-	-		
Tennessee-----	-	2	13	22	-	1	7	16	-	1	-	2		
Alabama-----	1	-	9	11	1	-	9	11	-	-	12	-		
Mississippi-----	4	1	17	27	4	1	16	27	-	-	-	-		
WEST SOUTH CENTRAL-----	7	9	109	196	3	7	57	116	4	2	4	2		
Arkansas-----	-	1	11	18	-	1	4	10	-	-	1	1		
Louisiana-----	3	-	36	38	2	-	27	24	1	-	-	-		
Oklahoma-----	-	2	3	12	-	2	-	8	-	-	-	1		
Texas-----	4	6	59	128	1	4	26	74	3	2	3	-		
MOUNTAIN-----	-	4	40	57	-	2	23	24	-	-	3	-		
Montana-----	-	-	3	13	-	-	2	9	-	-	-	-		
Idaho-----	-	-	13	5	-	-	6	1	-	-	-	-		
Wyoming-----	-	2	-	18	-	-	-	-	-	-	-	-		
Colorado-----	-	2	6	9	-	2	6	8	-	-	-	-		
New Mexico-----	-	-	3	4	-	-	-	1	-	-	-	-		
Arizona-----	-	-	7	4	-	-	5	4	-	-	-	-		
Utah-----	-	-	8	4	-	-	4	1	-	-	1	-		
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	-		
PACIFIC-----	7	24	103	381	5	22	79	333	1	2	42	-		
Washington-----	1	2	19	22	-	2	14	22	-	-	6	-		
Oregon-----	-	1	12	26	-	1	5	15	-	-	-	-		
California-----	5	21	69	324	4	19	57	287	1	2	36	-		
Alaska-----	-	-	-	2	-	-	-	2	-	-	-	-		
Hawaii-----	1	-	3	7	1	-	3	7	-	-	-	-		
Puerto Rico-----	1	9	6	432	1	9	6	425	-	-	-	-		

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious 082		Hepatitis, infectious, and serum 092, N98.5 pt.				Measles 085	
	37th Week		Cumulative, first 37 weeks				37th Week		Cumulative, first 37 weeks			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	9	22	389	450	37	50	1,130	730	54,954	26,912	734	800
NEW ENGLAND-----	-	-	6	10	1	1	51	29	1,625	818	28	113
Maine-----	-	-	-	2	-	-	6	2	104	49	2	10
New Hampshire-----	-	-	-	-	-	-	10	-	140	25	4	16
Vermont-----	-	-	-	-	-	-	1	-	166	11	2	15
Massachusetts-----	-	-	5	7	-	1	28	15	636	407	11	55
Rhode Island-----	-	-	-	1	1	-	-	5	201	161	-	4
Connecticut-----	-	-	1	-	-	-	6	7	378	165	9	13
MIDDLE ATLANTIC-----	-	-	20	13	7	11	156	118	7,568	3,105	116	100
New York-----	-	-	7	3	7	3	86	63	3,202	1,656	67	71
New Jersey-----	-	-	-	2	-	5	28	5	1,823	213	33	11
Pennsylvania-----	-	-	13	8	-	3	42	50	2,543	1,236	16	18
EAST NORTH CENTRAL-----	-	1	15	36	6	4	211	119	11,029	4,897	215	238
Ohio-----	-	-	1	15	6	2	55	51	3,700	1,655	16	16
Indiana-----	-	-	1	5	-	1	30	8	1,703	553	37	23
Illinois-----	-	1	10	5	-	1	47	29	1,927	1,023	83	14
Michigan-----	-	-	3	9	-	-	70	28	3,425	1,492	47	91
Wisconsin-----	-	-	-	2	-	-	9	3	274	174	32	94
WEST NORTH CENTRAL-----	1	2	35	24	5	1	94	30	5,357	1,896	43	27
Minnesota-----	1	-	24	6	-	-	22	1	1,167	216	5	2
Iowa-----	-	2	1	7	1	1	31	6	1,562	319	9	2
Missouri-----	-	-	-	2	-	-	7	10	1,203	698	1	1
North Dakota-----	-	-	2	1	-	-	4	2	126	141	10	20
South Dakota-----	-	-	6	5	-	-	1	3	141	127	1	-
Nebraska-----	-	-	2	1	4	-	10	6	555	199	17	2
Kansas-----	-	-	-	2	-	-	19	2	603	196	NN	NN
SOUTH ATLANTIC-----	2	11	80	133	6	2	145	70	6,832	3,173	44	32
Delaware-----	-	-	-	-	-	-	2	1	158	194	1	3
Maryland-----	-	-	1	1	2	-	6	8	624	322	6	4
District of Columbia-----	-	-	2	-	-	-	-	1	83	40	-	1
Virginia-----	-	3	15	16	-	1	17	15	1,087	629	4	10
West Virginia-----	-	-	1	4	1	-	17	11	1,279	591	13	6
North Carolina-----	-	2	7	7	3	-	54	7	1,481	273	13	1
South Carolina-----	-	4	5	42	-	1	12	3	351	50	1	2
Georgia-----	1	1	22	21	-	-	-	3	618	210	1	1
Florida-----	1	1	27	42	-	-	37	21	1,151	864	5	4
EAST SOUTH CENTRAL-----	3	1	32	46	4	3	138	85	8,224	3,849	54	81
Kentucky-----	-	-	8	1	-	-	46	17	2,424	1,415	8	12
Tennessee-----	-	-	3	7	1	-	37	20	3,260	1,254	39	56
Alabama-----	3	-	16	21	3	-	23	31	1,439	842	-	13
Mississippi-----	-	1	5	17	1	2	32	17	1,101	338	7	-
WEST SOUTH CENTRAL-----	3	7	187	152	2	5	82	36	3,999	2,190	86	73
Arkansas-----	-	-	4	5	-	1	21	3	787	113	5	-
Louisiana-----	-	1	23	31	-	-	6	2	425	112	1	-
Oklahoma-----	-	5	5	14	1	-	3	4	269	274	1	-
Texas-----	3	1	155	102	1	4	52	27	2,518	1,691	79	73
MOUNTAIN-----	-	-	8	35	2	7	48	66	3,329	2,189	57	54
Montana-----	-	-	2	3	2	-	10	7	298	97	6	16
Idaho-----	-	-	-	11	-	1	2	5	241	260	2	2
Wyoming-----	-	-	-	5	-	-	-	1	135	23	1	1
Colorado-----	-	-	4	3	-	5	21	34	1,123	799	22	19
New Mexico-----	-	-	1	4	-	-	5	4	365	263	NN	-
Arizona-----	-	-	-	3	-	-	7	5	517	485	9	12
Utah-----	-	-	-	6	-	1	3	1	540	193	17	1
Nevada-----	-	-	1	-	-	-	9	9	110	69	-	3
PACIFIC-----	-	-	6	1	4	16	205	177	6,991	4,795	91	82
Washington-----	-	-	-	1	-	26	19	790	539	7	17	
Oregon-----	-	-	-	-	2	33	17	1,065	781	13	11	
California-----	-	-	2	-	3	14	130	134	4,764	3,253	53	53
Alaska-----	-	-	4	1	-	-	13	1	321	151	14	-
Hawaii-----	-	-	-	-	-	-	3	6	51	71	4	1
Puerto Rico-----	-	5	48	110	-	-	33	24	732	591	40	2

NN=NOT NOTIFIABLE

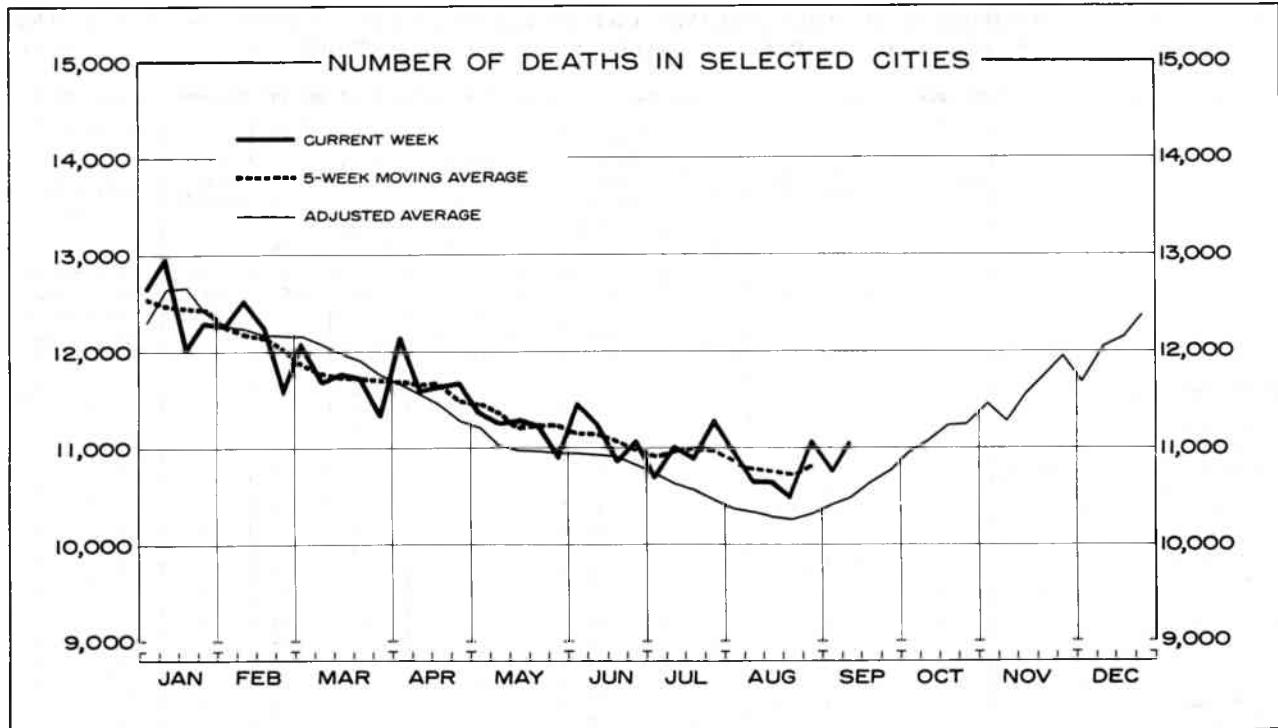
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1960 AND SEPTEMBER 16, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningococcal infections 057	Psitta- cosis 096.2	Strepto- coccal sore throat, etc. 050,051	Typhoid fever 040			Typhus fever, endemic 101	Rabies in animals			
					37th Week		Cumulative, first 37 weeks					
	1961	1961	1960	1961	1961	1961	1960	1961	1961	1961	1960	
UNITED STATES-----	4	27	33	2	3,058	18	21	559	565	1	51	48
NEW ENGLAND-----	2	4	2	-	95	-	-	16	8	-	-	-
Maine-----	-	1	1	-	7	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	1	-	-	-	-	-	-	-
Massachusetts-----	2	1	1	-	30	-	-	10	3	-	-	-
Rhode Island-----	-	-	-	-	12	-	-	2	-	-	-	-
Connecticut-----	-	2	-	-	45	-	-	3	3	-	-	-
MIDDLE ATLANTIC-----	1	3	5	-	89	5	3	68	41	-	1	4
New York-----	-	2	4	-	61	3	3	34	27	-	1	4
New Jersey-----	-	-	1	-	16	-	-	17	1	-	-	-
Pennsylvania-----	1	1	-	-	12	2	-	17	13	-	-	-
EAST NORTH CENTRAL-----	-	9	11	2	168	2	1	75	75	-	7	3
Ohio-----	-	4	-	-	16	-	-	25	19	-	1	1
Indiana-----	-	-	-	-	79	1	-	19	22	-	1	1
Illinois-----	-	2	3	-	23	1	-	25	20	-	-	1
Michigan-----	-	3	8	1	19	-	-	1	4	9	-	1
Wisconsin-----	-	-	-	1	31	-	-	2	5	-	4	-
WEST NORTH CENTRAL-----	-	-	4	-	91	1	2	29	34	-	17	13
Minnesota-----	-	-	1	-	1	-	-	5	1	-	3	6
Iowa-----	-	-	-	-	11	-	-	1	6	-	10	1
Missouri-----	-	-	-	-	-	1	-	17	19	-	2	3
North Dakota-----	-	-	-	-	60	-	-	-	1	-	1	-
South Dakota-----	-	-	1	-	-	-	-	1	3	-	1	-
Nebraska-----	-	-	2	-	-	-	-	-	1	2	-	3
Kansas-----	-	-	-	-	19	-	-	1	2	-	-	-
SOUTH ATLANTIC-----	-	3	1	-	296	1	2	90	85	-	6	9
Delaware-----	-	1	-	-	3	-	-	1	1	-	-	-
Maryland-----	-	-	-	-	2	-	-	2	3	-	-	-
District of Columbia-----	-	-	-	-	2	1	-	10	7	-	-	-
Virginia-----	-	-	1	-	52	-	-	14	18	-	3	5
West Virginia-----	-	2	-	-	66	-	-	1	9	-	-	-
North Carolina-----	-	-	-	-	13	-	-	13	8	-	1	-
South Carolina-----	-	-	-	-	22	-	-	6	11	-	-	-
Georgia-----	-	-	-	-	-	-	-	25	20	-	-	-
Florida-----	-	-	-	-	136	-	-	1	10	10	-	2
EAST SOUTH CENTRAL-----	1	3	6	-	796	2	4	57	75	-	5	3
Kentucky-----	1	-	1	-	83	-	1	10	15	-	3	1
Tennessee-----	-	2	1	-	676	1	2	39	42	-	2	1
Alabama-----	-	1	-	-	8	-	1	6	13	-	1	-
Mississippi-----	-	-	4	-	29	1	-	2	5	-	-	-
WEST SOUTH CENTRAL-----	-	-	1	-	392	2	5	122	165	1	11	12
Arkansas-----	-	-	-	-	-	-	-	18	37	-	2	7
Louisiana-----	-	-	-	-	2	1	-	16	54	-	1	1
Oklahoma-----	-	-	1	-	9	-	-	12	10	-	-	-
Texas-----	-	-	-	-	381	1	5	76	64	1	8	4
MOUNTAIN-----	-	-	-	-	860	4	-	49	31	-	-	2
Montana-----	-	-	-	-	64	2	-	16	9	-	-	-
Idaho-----	-	-	-	-	59	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	3	4	-	-	-
Colorado-----	-	-	-	-	230	-	-	6	-	-	-	-
New Mexico-----	-	-	-	-	281	2	-	11	8	-	-	1
Arizona-----	-	-	-	-	125	-	-	6	7	-	-	1
Utah-----	-	-	-	-	98	-	-	2	1	-	-	-
Nevada-----	-	-	-	-	3	-	-	4	-	-	-	-
PACIFIC-----	-	5	3	-	271	1	4	53	51	-	4	2
Washington-----	-	-	-	-	90	-	-	7	5	-	-	-
Oregon-----	-	1	-	-	11	-	1	1	8	-	-	-
California-----	-	3	3	-	131	1	2	45	37	-	4	2
Alaska-----	-	-	-	-	39	-	1	-	1	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	1	-	-	17	17	-	3	5



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Adjusted average, 37th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 37 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	11,053	10,787	10,490	+5.4	424,559	427,962	-0.8
New England-----(14 cities)	715*	674	623	+14.8	26,082	26,673	-2.2
Middle Atlantic-----(20 cities)	3,129*	3,210	2,865	+9.2	121,179	118,407	+2.3
East North Central-----(21 cities)	2,384	2,360	2,265	+5.3	90,718	92,686	-2.1
West North Central-----(9 cities)	768	722	737	+4.2	28,909	29,892	-3.3
South Atlantic-----(11 cities)	884	1,040	874	+1.1	36,695	36,782	-0.2
East South Central-----(8 cities)	565	390	481	+17.5	19,202	19,426	-1.2
West South Central-----(13 cities)	907	871	958	-5.3	36,215	37,536	-3.5
Mountain-----(8 cities)	364*	287	333	+9.3	13,513	13,448	+0.5
Pacific-----(13 cities)	1,337	1,233	1,354	-1.3	52,046	53,112	-2.0

*Includes estimate for missing reports.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Cumulative, first 37 weeks		Area	37th week ended Sept. 16, 1961	36th week ended Sept. 9, 1961	Cumulative, first 37 weeks						
	1961	1960	1961	1960		1961	1960	1961	1960					
NEW ENGLAND:														
Boston, Mass.	264	219	8,941	9,285	WEST NORTH CENTRAL—Con.:									
Bridgeport, Conn.	42	35	1,421	1,518	St. Louis, Mo.	226	230	8,732	9,248					
Cambridge, Mass.	36	29	1,079	1,156	St. Paul, Minn.	60	64	2,434	2,618					
Fall River, Mass.	19	29	991	1,051	Wichita, Kans.	48	39	1,703	1,705					
Hartford, Conn.	43	59	1,780	1,781	SOUTH ATLANTIC:									
Lowell, Mass.	24*	19	906	889	Atlanta, Ga.	111	112	4,200	4,398					
Lynn, Mass.	28	21	803	895	Baltimore, Md.	214	245	9,142	9,348					
New Bedford, Mass.	26	21	968	905	Charlotte, N.C.	33	43	1,320	1,454					
New Haven, Conn.	43	40	1,704	1,668	Jacksonville, Fla.	50	64	2,121	2,224					
Providence, R.I.	63	72	2,317	2,356	Miami, Fla.	59	70	2,811	2,713					
Somerville, Mass.	15	10	492	496	Norfolk, Va.	41	42	1,848	1,494					
Springfield, Mass.	34	45	1,648	1,673	Richmond, Va.	62	73	2,892	2,894					
Waterbury, Conn.	26	26	1,002	1,015	Savannah, Ga.	31	35	1,202	1,266					
Worcester, Mass.	52	49	2,030	1,985	St. Petersburg, Fla.	(56)	(54)	(2,542)	(2,647)					
MIDDLE ATLANTIC:														
Albany, N.Y.	35	34	1,688	1,614	Tampa, Fla.	48	55	2,472	2,437					
Allentown, Pa.	32	45	1,276	1,284	Washington, D.C.	195	258	7,212	7,147					
Buffalo, N.Y.	130	114	5,435	5,444	Wilmington, Del.	40	43	1,475	1,407					
Camden, N.J.	47	43	1,589	1,569	EAST SOUTH CENTRAL:									
Elizabeth, N.J.	42	39	1,086	1,095	Birmingham, Ala.	77	56	3,156	3,149					
Erie, Pa.	34	40	1,462	1,440	Chattanooga, Tenn.	49	38	1,732	1,748					
Jersey City, N.J.	63	54	2,581	2,611	Knoxville, Tenn.	35	19	1,017	1,047					
Newark, N.J.	75	105	3,744	3,579	Louisville, Ky.	142	76	4,270	4,243					
New York City, N.Y.	1,625	1,809	61,820	60,143	Memphis, Tenn.	104	102	4,199	4,181					
Paterson, N.J.	40	40	1,452	1,421	Mobile, Ala.	45	37	1,494	1,526					
Philadelphia, Pa.	490	399	19,089	18,168	Montgomery, Ala.	46	23	1,170	1,286					
Pittsburgh, Pa.	186	111	7,038	7,194	Nashville, Tenn.	67	39	2,164	2,246					
Reading, Pa.	25	17	861	875	WEST SOUTH CENTRAL:									
Rochester, N.Y.	105	123	3,734	3,713	Austin, Tex.	29	39	1,261	1,286					
Schenectady, N.Y.	16	27	884	888	Baton Rouge, La.	27	17	1,009	1,061					
Scranton, Pa.	26	35	1,307	1,388	Corpus Christi, Tex.	27	9	816	889					
Syracuse, N.Y.	65	71	2,268	2,281	Dallas, Tex.	115	147	4,626	4,639					
Trenton, N.J.	45	43	1,670	1,536	El Paso, Tex.	29	25	1,291	1,421					
Utica, N.Y.	27*	22	1,044	1,020	Fort Worth, Tex.	77	54	2,374	2,478					
Yonkers, N.Y.	21	39	1,151	1,144	Houston, Tex.	128	99	6,051	6,270					
EAST NORTH CENTRAL:														
Akron, Ohio	56	54	2,098	2,114	Little Rock, Ark.	69	54	2,092	2,141					
Canton, Ohio	32	27	1,138	1,282	New Orleans, La.	153	180	6,233	6,709					
Chicago, Ill.	659	718	27,447	28,648	Oklahoma City, Okla.	61	64	2,757	2,776					
Cincinnati, Ohio	160	147	5,793	5,835	San Antonio, Tex.	99	78	3,786	3,779					
Cleveland, Ohio	199	191	7,527	7,826	Shreveport, La.	46	50	1,888	2,018					
Columbus, Ohio	129	124	4,236	4,371	Tulsa, Okla.	47	55	2,031	2,069					
Dayton, Ohio	78	83	2,987	2,760	MOUNTAIN:									
Detroit, Mich.	328	323	12,361	12,687	Albuquerque, N. Mex.	25	21	1,156	1,154					
Evansville, Ind.	39	35	1,343	1,335	Colorado Springs, Colo.	14	24	600	614					
Flint, Mich.	48	40	1,592	1,481	Denver, Colo.	120	85	4,240	4,412					
Fort Wayne, Ind.	31	41	1,424	1,374	Ogden, Utah	17*	14	622	618					
Gary, Ind.	25	30	1,128	1,168	Phoenix, Ariz.	83	59	3,041	2,894					
Grand Rapids, Mich.	53	50	1,677	1,546	Pueblo, Colo.	16*	16	622	613					
Indianapolis, Ind.	141	110	5,264	5,435	Salt Lake City, Utah	43	35	1,794	1,814					
Madison, Wis.	34	38	1,217	1,184	Tucson, Ariz.	46	33	1,438	1,329					
Milwaukee, Wis.	122	107	4,542	4,633	PACIFIC:									
Peoria, Ill.	29	27	1,044	1,120	Berkeley, Calif.	22	17	639	625					
Rockford, Ill.	25	25	1,047	1,066	Fresno, Calif.	(25)	(39)	(1,616)	(1,672)					
South Bend, Ind.	37	23	1,059	1,059	Glendale, Calif.	(34)	(19)	(1,232)	(1,439)					
Toledo, Ohio	104	93	3,639	3,713	Honolulu, Hawaii	36	26	1,469	1,536					
Youngstown, Ohio	55	74	2,155	2,049	Long Beach, Calif.	44	63	2,031	2,039					
WEST NORTH CENTRAL:														
Des Moines, Iowa	58	56	1,984	2,043	Los Angeles, Calif.	494	414	18,454	18,761					
Duluth, Minn.	36	21	966	936	Oakland, Calif.	93	87	3,575	3,537					
Kansas City, Kans.	30	37	1,381	1,288	Pasadena, Calif.	27	28	1,217	1,273					
Kansas City, Mo.	132	111	4,741	4,702	Portland, Oreg.	90	95	3,925	4,102					
Lincoln, Nebr.	(32)	(34)	(1,026)	(967)	Sacramento, Calif.	60	68	2,317	2,160					
Minneapolis, Minn.	108	115	4,405	4,622	San Diego, Calif.	93	88	3,266	3,346					
Omaha, Nebr.	70	49	2,563	2,730	San Francisco, Calif.	196	153	7,218	7,335					

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

San Juan, P. R. (40) (34) (1,251) (1,319)

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Hepatitis - Age Distribution in U. S.

The chart below lists the hepatitis cases above and below age 20 for individual States since the initiation of the age reporting the week of April 29 (17th week). Three sections of the country; New England, Middle Atlantic, and Pacific, continue to have the highest percentage of their cases in the adult group.

HEPATITIS CASES BY AGE CUMULATIVE TOTALS
Week 17 through Week 37, 1961

State or Area	Total	Under 20 Years	20 Years and Over	Age Un- specified	Percent* 20 and Over
NEW ENG.					
Maine	64	28	36	-	56.2
New Hampshire	90	7	7	76	50.0
Vermont	57	24	29	4	54.7
Massachusetts	370	205	154	11	42.9
Rhode Island	94	45	44	5	44.4
Connecticut	170	62	103	5	62.4
MID ATLANTIC					
New York	1,490	568	905	17	61.4
New Jersey	788	240	548	-	69.5
Pennsylvania	1,092	468	378	246	44.7
E. NO. CENTRAL					
Ohio	1,577	607	372	598	38.0
Indiana	761	436	299	26	40.7
Illinois	1,049	470	308	271	39.6
Michigan	1,970	572	458	940	44.5
Wisconsin	141	-	-	141	-
W. NO. CENTRAL					
Minnesota	496	255	198	43	43.7
Iowa	741	460	209	72	31.2
Missouri	541	340	180	21	34.6
North Dakota	66	36	29	1	44.6
South Dakota	30	18	7	5	28.0
Nebraska	256	69	42	145	37.8
Kansas	290	172	117	1	40.5
SO. ATLANTIC					
Delaware	59	-	-	59	-
Maryland	301	201	90	10	30.9
Dist. of Columbia	45	32	13	-	28.9
Virginia	657	381	215	61	36.1
West Virginia	490	361	109	20	23.2
North Carolina	685	513	171	1	25.0
South Carolina	134	68	29	37	29.8
Georgia	245	162	66	17	28.9
Florida	742	429	285	28	39.9
E. SO. CENTRAL					
Kentucky	1,043	694	150	199	17.8
Tennessee	1,253	914	326	13	26.3
Alabama	653	481	172	-	26.3
Mississippi	480	-	-	480	-
W. SO. CENTRAL					
Arkansas	372	244	128	-	34.4
Louisiana	260	140	71	49	33.6
Oklahoma	126	84	36	6	30.0
Texas	1,254	654	496	104	43.1
MOUNTAIN					
Montana	104	66	27	11	29.0
Idaho	143	-	-	143	-
Wyoming	58	24	20	14	45.4
Colorado	496	44	31	421	41.3
New Mexico	114	59	45	10	43.3
Arizona	256	-	-	256	-
Utah	202	129	73	-	36.1
Nevada	54	-	-	54	-
PACIFIC					
Washington	379	134	166	79	55.3
Oregon	527	255	255	17	50.0
California	2,819	879	1,169	771	57.1
Alaska	199	135	34	30	20.1
Hawaii	29	4	17	8	80.9
UNITED STATES	26,312	12,169	8,617	5,526	

* Percentage based on total cases with age specified

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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